TROUBLESHOOTING

Because of the individual characteristics of your pool, some additional adjustments may be required to get the best performance from your Klever Kleena.

Check these common causes of cleaner problems:

Is filter clean?
Clean filter

Is pump strainer basket clean?
Clean basket

Is debris blocking the bottom intake of the Klever Kleena?
Remove debris (see figure 7)

Are there any leaks in the hose?
Replace leaky section

Is automatic regulator valve free of debris?
Clean valve

Is the main drain closed?
Close main drain valve

If the Klever Kleena is not moving.

- Check to ensure that the main drain and all suction lines are closed, except for the skimmer box or suction line to which the Klever Kleena is attached.
- Check for debris in the filter or pump basket.
- Check for debris in the Klever Kleena's flapper. Debris may prevent the flapper movement or restrict flow.
- Pool pump and filter system may be too small. Consult your pool professional.

Square Bottom Pools

If the transition radius between the between your pool's floor and wall is small and your Klever Kleena is unable to climb the wall, then you have a square bottom pool. Some square bottom pools (90° floor to wall angle) may require the use of spacial bumper bar attachment which fits onto the Klever Kleena swivel. the bumper is not included with your Klever Kleena, but can be purchased from your Klever Kleena Dealer.

EYEBALL DIVERTER (Optional Extra)

HOW TO ADJUST YOUR RETURN LINE WATER FLOW

The water flow from your return line can push the Klever Kleena's hose and cause the Klever Kleena to steer away from where the return line is located, or to remain in one section of the pool. If adjustments to the existing eyeball return do not allow you to stop the directional flow from influencing the movement of the Klever Kleena, you should correct this by purchasing the optional eyeball diverter available from your Klever Kleena dealer.

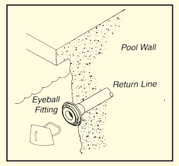
TO INSTALL THE EYEBALL DIVERTER

1. Ensure your pool pump is off Remove the original eyeball diverter from the return line at the pool by unscrewing the lock ring.
2. Replace with the Klever Kleena eyeball diverter.
3. Make sure the opening of the eyeball diverter points to the side, at a '9 o'clock position'.

Usually, directing the return line water flow against the side of the pool works best. However, you may want to try pointing the flow downward or in different positions to see which works best in your pool.

After installing the eyeball diverter, turn the pool pump on. the Klever Kleena should begin moving across the pool floor vacuuming up debris in its path.

Figure 6
Optional Diverter



WARNING Do not use a one piece manual vacuuming type hose. These type of hoses coil and restrict water flow and movement which will hamper the performance of your new Klever Kleena. We only recommend the use of Kreepy Krauly or Klever Kleena sectional hose.

If the Klever Kleena tracks in a repetitive pattern:

- Check the return line water flow and redirect as necessary with a return line diverter *(See "HOW TO ADJUST YOUR RETURN LINE WATER FLOW")*
- Check the Klever Kleena's hose to ensure it has not become bent or kinked. (Do not coil the hose. It will retain the coil shape and hinder the cleaning coverage.) One way to check for kinks in your hose is to disconnect each hose section and lay them flat on your pool surface and look down the length of each hose. The hose should be perfectly straight and float flat. If bends or kinks are present in a sectional hose, replace those hose sections. The very best performance can only be obtained using a Kreepy Krauly sectional hose.
- If your Klever Kleena continues to track in a repetitive pattern rotate the hose from the skimmer box 90 to 180 degrees. This will help correct any repetitive patterns.

MAINTENANCE

The Klever Kleena requires almost no maintenance. Visually inspect your Klever Kleena from time to time to make sure that:

1. The flapper is moving freely and is not obstructed by debris.
2. The vacuum pad not excessively worn. (When the traction pads on the bottom have worn down, it is time for replacement).
3. Manually open and close the Auto Skim valve or KleverSkim Valve to flush away accumulated dirt and debris to ensure smooth operation. We recommend that you leave the Klever Kleena in your pool, except during chemical shock treatments. When swimming it is easy to unplug the Klever Kleena and pull it to one side. When storing the Klever Kleena, do not coil the hose. It is best to lay the hose out flat in an area protected from direct sunlight. Dismantle sectional hose for storage. To ensure optimum performance from your Klever Kleena, we recommend the use of only genuine Klever Kleena or Kreepy Krauly sectional hose.

Optimising Performance

Balance your Klever Kleena. The hose weight is used to sink the hose when the Klever Kleena goes to the bottom of the deep end. The weight should be adjusted approximately two to three metres from the Klever Kleena. When the pump is OFF, the Klever Kleena should rest flat on its foot pad on the bottom of the deep end of the pool.

Check your Klever Kleena's ability to climb the pool walls. With the pool pump on, use a pool brush to direct your Kleena Kleena towards a pool wall. Observe whether the cleaner is able to move from the floor and climb up the wall. Do this a few times because the cleaner's steering may initially turn it away from the wall. the Klever Kleena will require a generous curve to be able to climb.

If the Klever Kleena climbs the wall:

1. It is normal for your Klever Kleena to climb to the water surface, protrude its bumper or side above the water, then after a while, turn and move along or down the wall.
2. If your Klever Kleena comes to the surface and sucks air, check that your KleverSkim Valve is fitted. If it still sucks air, and you have other intake points (like a skimmer or floor drain) gradually open the applicable gate valve to bypass some water from the Klever Kleena. if this still has no effect, you need to purchase a KleverSkim or inline regulator from your Klever Kleena dealer.

If the Klever Kleena does NOT climb the wall:

1. Check that your filter and stainer baskets are clean.
2. Check your filtration system gate valves to ensure that all the water is being drawn through the intake connected to your Klever Kleena.
3. If your suction is weak, call your Klever Kleena dealer in to check your filtration system or call the Customer Helpline.
4. If you suction is good and your Klever Kleena still does not climb the wall, the transition radius from the floor to the wall of your pool may be too small. in this case, you have a square bottom pool. Refer to Section on Square bottom Pools for further information.

THE KLEVER KLEENA LIMITED WARRANTY

The benefits conferred by this warranty are in addition to all other rights and remedies in respect of the product which the Customer has under the Trade Practices Act and similar State and Territory laws. Nothing in this warranty will exclude, restrict or modify any condition, warranty, right or liability implied in this purchase or protected by law where to do so would render this warranty void. The purchaser ('Customer') has purchased a Klever Kleena automatic inground swimming pool cleaner ('Cleaner') for use in customer's pool. The Cleaner manufacturer ('Manufacturer') hereby provides the following limited warranty to Customer:

MANUFACTURER WARRANTS THIS CLEANER AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF PURCHASE, AND AGAINST ALL WEAR WHICH AFFECTS THE PERFORMANCE OF THE CLEANER FOR ONE (1) YEAR FROM THE DATE OF PURCHASE, SUBJECT ONLY TO THE FOLLOWING CONDITIONS AND EXCLUSIONS:

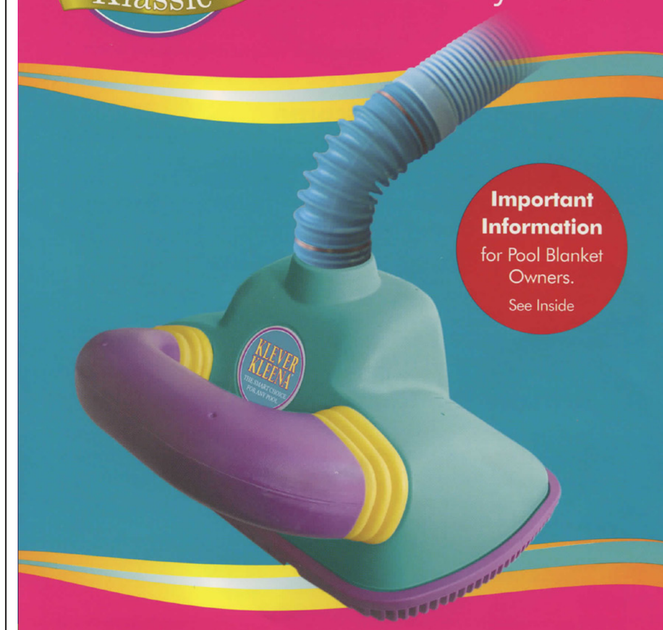
CONDITIONS & EXCLUSIONS

1. This limited warranty is for the replacement of defective parts only and does not cover labour charges including, but not limited to, charges incurred for installation of replacement parts or additional fees which may be imposed by the dealer or servicing agent.
2. All warranty replacement parts are under warranty from the date of purchase of the original cleaner and not from the date of replacement. All parts purchased thereafter are under warranty for one (1) full year from the date of purchase.
3. This limited warranty against wear does not include replacement of parts which become discoloured due to exposure to sunlight or chemicals, or parts which, even if worn, do not affect performance of the cleaner. Nicks, scratches, fading discolouration, etc. are cosmetic conditions that do not necessarily affect mechanical performance. Both Manufacturer and dealer reserve the right to deny any and all warranty claims made for worn parts if Manufacturer or dealer determine that the wear does not negatively affect mechanical performance of the cleaner.
4. The Cleaner is designed to function in a properly designed, constructed and maintained pool. This limited warranty does not extend in the circumstances where the pool's design, construction or maintenance is defective or substandard.
5. Deterioration, discolouration or brittleness of pool plaster and vinyl liners can be caused by age, improper pool chemistry, improper installation, or other factors. Customer hereby disclaims any and all claims, and releases Manufacturer and Distributor from any and all claims for damages to any pool surface in the Customer's pool by reason of the use and/or operation of the Cleaner. Customer represents and agrees that any claims which it may assert against Manufacturer shall be limited to those which may be asserted under the foregoing limited warranty
6. The Cleaner is designed for use in inground pools only and its warranty is limited to this use. If Cleaner is used in any other application, Customer understands that this is a misuse of the product and will void all warranty of the Cleaner. Further, Customer hereby releases Manufacturer from any and all claims stemming from the misuse of the Cleaner
7. Under no circumstances shall Manufacturer be liable for any loss or damage, whether direct, consequential or incidental, arising out of the use or inability to use the Cleaner in Customer's pool.
8. This limited warranty does not apply to any injury, loss, damage, defect, or malfunction of the Cleaner or failure to function resulting from any failure to operate or maintain the Cleaner in accordance with the directions contained in the Installation and Operation Manual or operating instructions provided by the Company for any injury, loss, damage, defect, or malfunction, or failure to function resulting from any accident, acts of God, alterations in the Cleaner by anyone other than Manufacturer; or misuse, unreasonable use, tampering, abuse, acts, omissions, failure or negligence by anyone other than Manufacturer including but not limited to such damages or injuries to parts resulting from improper installation, or damage to pump parts resulting from running the pump dry (eg interruption in or inadequate supply of water to internal pump parts due to loss of prime, or obstruction in lines or otherwise); or damage, defect or malfunction resulting from defects in, failure or malfunction of, or negligence, abuse, or misuse with respect to equipment other than the Cleaner; or any damage or loss of any nature whatsoever and personal injury caused due to the presence of a foreign object in or about the pool.
9. This limited warranty is valid and enforceable on Klever Kleena Cleaners manufactured in Australia.
10. This limited warranty is applicable only if the Cleaner is purchased from a Klever Kleena dealer. If Customer is uncertain as to whether the seller of the Cleaner is a Klever Kleena dealer, the Customer should call the Klever Kleena State Service Centre immediately after purchase for verification.
11. This limited warranty shall apply only to Customer as an original purchaser of the Cleaner from a Klever Kleena dealer and shall not apply to any subsequent purchaser, assignee or other recipient of the Cleaner from Customer.
12. No dealer or other similar person has any authority to make any warranties or representations concerning the Klever Kleena or to extend this warranty beyond the express terms contained herein. Manufacturer assumes no responsibility for any warranties beyond the express terms contained in this Limited Warranty. The Customer releases and holds Manufacturer harmless from any claims stemming from any unauthorised representations.
13. This limited warranty shall be void if Customer modifies the Klever Kleena System in any respect including but not limited to the use of parts other than genuine Klever Kleena parts.
14. This limited warranty does not apply unless the Registration Card is signed, completed and returned within fourteen (14) days from the date of purchase. Manufacturer reserves the right to dispose of Registration Card once it is received.
15. The foregoing limited warranty gives Customer specific legal rights which may vary from state to state, and accordingly, some of the listed conditions and exclusions may not apply to Customers living in certain states.
16. These warranties set forth herein are in lieu of any other warranties, expressed or implied, including the warranties of merchantability or fitness. Any such implied warranty imposed by state consumer law is limited in duration to one (1) year from date of purchase.
17. Customer represents and agrees that any claims which it may assert against Manufacturer shall be limited to those which may be asserted under the foregoing limited warranty.
18. Any dispute between Customer and Manufacturer will be conducted in the State of Western Australia.

WARNING: Warranty void if label with serial number is removed.

KLEVER KLEENA Klassic

The Smart Choice for any Pool



Important Information for Pool Blanket Owners. See Inside

Owners Manual

KLEVER KLEENA
THE SMART CHOICE FOR ANY POOL

KLEVER KLEENA Klassic

Welcome

Congratulations on the purchase of your new Klever Kleena, the inground pool cleaner. You'll soon see why the Klever Kleena is the smarter choice in pool cleaning. First, however, you'll have to install the Klever Kleena and perhaps make some minor adjustments. This manual covers the steps needed to install and adjust the Klever Kleena.

Customer Helpline

If you have questions about your Klever Kleena, check the instructions in this manual first. If you still have questions, call our Customer Service Department on **1800 777 255**. Expert help is available to you from 9:00am to 5:00pm Monday through Friday. At other times contact your regular pool shop professional.

Activate the Klever Kleena Warranty

You will also need to record the serial number on the Klever Kleena's warranty registration card. Complete and return the card to activate the Klever Kleena's two year limited warranty. The registration card is self-addressed for your convenience. the Klever Kleena's complete warranty is printed on the inside back cover of this installation and operation manual.

Serial No. _____ Record Serial Number Here

We reserve the right to revise, change, or modify Klever Kleena without incurring any obligations to make like changes on Klever Kleena's previous sold. This publication remains the sole copyright of ITC Manufacturing Pty. Ltd. Written consent must be obtained before any of its contents are reproduced.

INSTALLATION

The Klever Kleena is designed to work in a wide variety of swimming pools. That's why we've included certain items with your Klever Kleena. All may or may not be needed, depending on the particular features of your pool. The KleverSkim Valve ensures that the Klever Kleena operates at the proper speed. It automatically adjusts to changes in the amount of water flow to provide the cleaner with the power necessary to ensure proper cleaning performance. Excess vacuum not required by the Klever Kleena will be utilised for Simultaneous Surface Skimming

COMPONENTS CHECK LIST

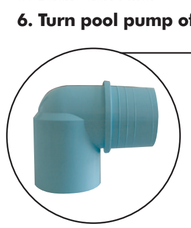
RECOMMENDED OPTIONS (Not Included)

- Kreepy Krauly Auto Skim Valve (black spring) Combination Vac/Plate Air Release Valve
- Eyeball Diverter

STEP 1 WHAT TO DO BEFORE INSTALLING YOUR KLEVER KLEENA

Before assembling and installing your Klever Kleena your pool should be clean and algae-free so as not to inhibit the cleaner's traction. If necessary, make the following preparations before proceeding:

1. Chemically balance the pool water.
2. Brush pool and let the debris settle.
3. Hand vacuum thoroughly.
4. Clean pump strainer basket and skimmer basket.
5. Backwash Filter
6. **Turn pool pump off.**



ATTENTION
This optional fitting is NOT REQUIRED for most pools. Only use if unable to connect hose to the KleverSkim through the skimmer box entry.

Sample Vacuum Plate Shown.
Your Vacuum plate may not be the same as this.

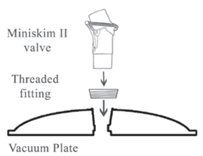
STEP 2 HOW TO INSTALL THE KLEVERSKIM

Your KleverSkim Valve is designed to automatically regulate vacuum to your Klever Kleena to ensure optimal operation. Depending on the Vacuum plate your pool uses, a different KleverSkim Adaptor will be required.

Ensure the water level of your pool is higher than the KleverSkim Valve to avoid sucking air or vortexing.

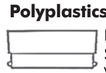
Vacuum Plate Adaptor

For all Vacplates except those shown below please use the threaded fitting to install your KleverSkim valve. Install the threaded fitting by screwing it into the vacplate from the top as shown. Insert the KleverSkim valve tightly inside the fitting. Making sure the valve can open freely.

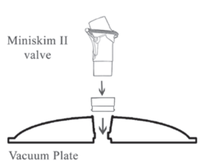


For the Poolrite plate (shown left) Install the Threaded fitting from underneath the vacuum plate and insert the KleverSkim from the top.

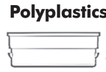
Polyplastics Vacuum Plate Adaptor



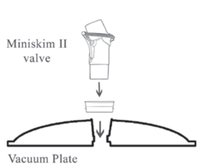
For the Polyplastic 190 Standard and 210mm Standard Vacuum Plate (shown left) use the Vacuum plate and insert the KleverSkim valve into the fitting, ensuring a tight fit.

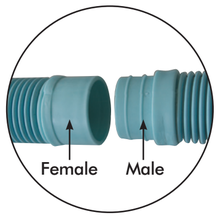


Polyplastics Vacuum Plate Adaptor

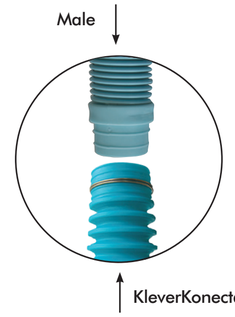


For the SK1000 Vacuum Plate, simply click the SK1000 fitting into the vacuum plate and insert the KleverSkim valve from the top.

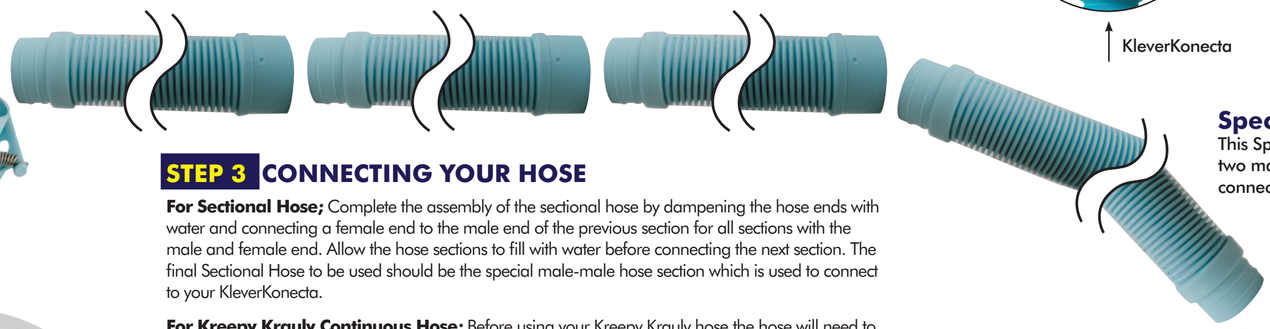




How to Connect your Hose
Connect Male to Female



How to Connect your KleverKonecta



Special Male-Male Hose
This Special Male-Male hose has two male connectors and is used to connect to your KleverKonecta

STEP 3 CONNECTING YOUR HOSE

For Sectional Hose; Complete the assembly of the sectional hose by dampening the hose ends with water and connecting a female end to the male end of the previous section for all sections with the male and female end. Allow the hose sections to fill with water before connecting the next section. The final Sectional Hose to be used should be the special male-male hose section which is used to connect to your KleverKonecta.

For Kreepy Krauly Continuous Hose; Before using your Kreepy Krauly hose the hose will need to be relaxed, this can be done by laying the hose flat in a straight line beside the pool on a warm day for approximately an hour. Alternatively boiling water can be poured through the hose to speed the process - This should be done with due care.

NOTES: If your pool depth is over two metres, install the hose weight approximately three metres from the cleaner. The hose weight provided may not be necessary in shallow pools.

WARNING: For optimum cleaning performance, we recommend that you use Klever Kleena or Kreepy Krauly sectional hose. We cannot guarantee the performance of the Klever Kleena using your existing sectional or continuous hose.

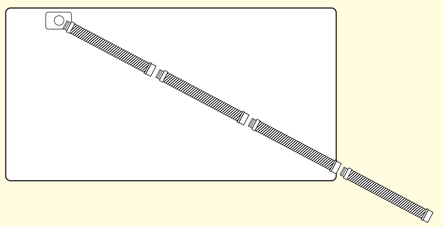
HOW MANY HOSE SECTIONS DO I NEED?

IMPORTANT: The pump must be on when you check the hose length. The hose contracts when the pump is operating and will look longer than when the pump is off.

Position the Klever Kleena at the far end of the pool from the skimmer box. It is easy to position the Klever Kleena in the pool by moving it about with your pool brush.

The Klever Kleena's hose should be long enough to reach the end of the furtherest corner of the pool plus one extra section.

Save any spare hose sections for use as future replacements.

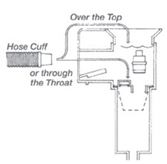


AUTOSKIM®

TWIN VALVE AUTOSKIM The unique automatic "Autoskim" Skimmer valve and vacuum plate combination ensures full surface skimming of all floating leaves and debris. "Autoskim" is available as an optional extra with the Klever Kleena.

AUTOSKIM INSTALLATION

A Kreepy Krauly Auto Skim (black spring) Combination Vac/Plate Skim Valve is recommended for superior performance and continued maximum surface skimming. Pools with high flow pump and filter systems are recommended to use a Kreepy Krauly Auto Skim (black spring) combination Vac/Plate Skim Valve.



STEP 4 CONNECTING YOUR CLEANER

Connect the KleverKonecta to the Klever Kleena and place Klever Kleena in the water and allow it to fill with water before connecting the KleverKonecta to the special male-male hose.

Your Klever Kleena is now ready to be used. Congratulations.

ATTENTION POOL BLANKET OWNERS

When a Pool Blanket is in use, carefully monitor your chlorine or salt water chlorinator settings to avoid over chlorinating your pool which may damage your Sprinta and void your Warranty.

The Pool Blanket prevents chlorine evaporating reducing the need to add more chlorine. If you have a salt water chlorinator remember to lower the amount of chlorine produced when the pool blanket is in use.

If you have any questions please call our Customer Service department on 1800 777 255 or your local pool shop professional.